Due to improvements in the ability to decrease the thickness of the ceramic layers 21a, it has become possible to both reduce the thickness of the ceramic layers 21a and increase the total number of internal electrodes 21a while at the same time decreasing the overall size of the capacitor 23 (or other laminated ceramic electronic part). Laminated ceramic parts having over 100 laminated ceramic layers, each as thin as 5  $\mu$ m, have become commercially available.

While the reduction in the size of the laminated layers has improved the characteristics of the final product (reduced size and capacitance), it has created manufacturing problems. As a result of the thinning of the ceramic layers, there is little difference between the thickness of the ceramic layers and the thickness of the internal electrodes and the ratio of the combined thickness of the internal electrodes to the total thickness of the electronic part can exceed 3.0. Because the internal electrodes have become a larger percentage of the overall electronic part, they have a much greater effect on the sintering characteristics of the product.

This has the disadvantageous effect of increasing the incidence of delamination and cracking during the sintering process, thus increasing the occurrence of defective parts and degrading the reliability of the parts. Additionally, the laminated ceramic electronic part is likely to form cracks when it receives thermal shocks.--

Page 2, delete lines 1-23;

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```
change "both" to --opposite --; and
          before "capacitor" insert --e.g.,
          a--;
          delete "element";
line 9,
          after "3" insert ---;
          delete "having a structure in
          which";
          change "the" to -- The --;
line 11, after "within" insert --a--;
          after "ceramic" insert --body--;
          after "and" insert --a--;
          delete "one":
          change "ends" to --end--;
line 12, change "the" (first occurrence) to
          --each--:
          change "electrodes" to
          --electrode--;
          after "2" insert --is coupled to
          external electrode 4a or 4b.--;
          delete "are led to the opposite
          side";
line 13, delete "alternately.";
line 14, delete entire line;
          delete "ceramic capacitor, three
line 15,
          kinds of and insert
                --Several sample capacitors
          were formed and their
          the effect of the present
```

characteristics tested to determine invention. A summary of the results of these tests are set forth in Table 1 below.

As shown in the first column of Table 1,--;

change "whose" to --having a--; line 16, change "turn out to be" to --after sintering of either--;

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change "and" to --or--; line 17, delete entire line and insert --were used. For example, green sheets having a thickness of 9.8  $\mu$ m were used for the first sample 1. After the green sheets were formed, --; line 18, change "has" to --was--; line 19, delete "been"; after "sheets" insert thickness of each internal electrode for the respective sample is indicated --: delete "such that"; line 20, delete "they turn out to have thickness as shown"; delete lines 21 and 22; line 23, delete "they have been" and insert --200 laminations were compressed together and--; line 26, change "Next, after" to --After heat--; delete "laminate by heat" and insert --ceramic element under predetermined conditions--; delete "to"; line 27, after "sinter" insert --it--; delete "under predetermined conditions"; line 28, change "electrode has been" to --electrodes was--; line 29, change "on the both" to --to opposite--; change "Then," to --Finally, --; delete "they have been" and insert line 30, -- the ceramic element with the

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conductive paste applied to its
ends was--;

```
change "has been" to --was
          line 31,
                    produced. --;
                    delete "obtained.";
          line 32,
          line 33, change "Then," to --The--;
                    after "each" insert --of the
                    sample--.
                    change "capacitor thus obtained,
Page 6, line 1,
                    such as a" to --capacitors were
                    tested to determine the --;
                    delete "to be obtained, a" and
          line 2,
                    insert --, the--;
                    change "an" to --the--;
          line 3,
                    after "delamination" insert --, --;
                    change "and an" to --the--;
                    change "crack" to --cracking--;
                    delete "as well as an" and insert
          line 4,
                    --during sintering and the--;
                    change "crack" to --cracking--;
          line 5,
                    delete "have been studied" and
          line 6,
                    insert -- to the sample--;
                    change "result" to --results of
          line 7,
                    these tests -- .
                    change "Light" to --Layer--;
          line 2,
Page 7,
          line 18, change "Crack" to --Cracking--;
                    change "Crack" to -- Cracking -- .
          line 21,
          line 2,
                    delete "are those out of" and
Page 8,
                    insert --fall outside--;
                    delete "are those";
          line 3,
                   before "within" insert --fall--;
          line 4,
                    change "Further, "Rate" to
          line 5,
                    --The "Ratio--;
          line 6, change "rate" to --ratio--;
```

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```
before "thickness" insert
          --individual--;
          change "the" (third occurrence) to
          --each--:
         before "thickness" insert
line 7,
          --individual --, and change "the" to
          --each--;
line 8, change "and Rate" to -- and the
          "Ratio--;
         change "rate" to --ratio--;
line 9,
         before "volume" insert --total--;
         before "volume" insert --total--;
line 10,
         change "layer" to --element --;
line 11, before "total" insert --i.e.,
         the--:
         after "ceramic" insert --layers--;
line 12, delete "evaluating items and a";
line 13, delete "evaluated" and "has had the
         following";
         after "(n)" insert -evaluated to
          determine the various
          characteristics shown were as
          follows:--;
         delete "relationship:"
line 14.
         delete "Resistance :" and insert
line 15,
         --Resistance : n = 100--;
line 16, delete "n = 100";
line 17, delete "Crack :" and insert
          --Cracking: n = 500--;
line 18, delete "n = 500";
line 19, change "Crack" to -- Cracking--;
         delete "Shock : " and insert
          --Shock : n = 500"
line 20, delete "n = 500";
line 23, change "rate" to -- xatio--;
line 26, change "rate" to --ratio--;
```

Pp

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